



IFW

PATENT
Customer No. 22,852
Attorney Docket No. 8959.0009

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)
)
Katsura NOZAWA et al.) Group Art Unit: 1649
)
Application No.: 10/506,624) Examiner: Kimberly A. Ballard, Ph.D.
)
Filed: September 3, 2004)
) Confirmation No.: 1864
For: NOVEL POTASSIUM-)
DEPENDENT SODIUM-CALCIUM)
EXCHANGER)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

RESPONSE TO RESTRICTION REQUIREMENT

In a restriction requirement dated July 5, 2006, the Examiner required restriction under 35 U.S.C. § 121 between the following groups:

- Group I - Claims 1-11 and 18, drawn to an isolated polypeptide of SEQ ID NO: 2 or SEQ ID NO: 4, isolated polynucleotide encoding said polypeptide, expression vector and host cell comprising the polynucleotide, method of producing said polypeptide, and first recited method of using said polypeptide in a screening/manufacturing method.
- Group II - Claims 12-13, drawn to a pharmaceutical composition comprising an agent which inhibits the potassium-dependent sodium-calcium exchange activity of a polypeptide of SEQ ID NO: 2 or 4.
- Group III - Claims 14-15, drawn to a method for inhibiting leukocyte activation or treating postischemic reperfusion injury and/or inflammatory disease comprising administering an inhibitor of a potassium-dependent sodium-calcium exchange activity polypeptide of SEQ ID NO: 2 or 4.

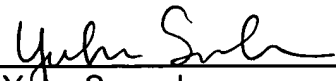
Applicants provisionally elect to prosecute Group I, claims 1-11 and 18, drawn to an isolated polypeptide of SEQ ID NO: 2 or SEQ ID NO: 4, isolated polynucleotide encoding said polypeptide, expression vector and host cell comprising the polynucleotide, method of producing said polypeptide, and first recited method of using said polypeptide in a screening/manufacturing method.

Please grant any extensions of time required to enter this response and charge any additional required fees to our deposit account 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: July 24, 2006

By: 
Yuko Soneoka
Limited Rec. No. L0093